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Attorney's Docket No.: 10017560-1  
Alt. Ref.: 000111-006300000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Shackleford  
App. No. : 10017560-1  
Issue Date : n/a  
Serial No. : 10,047,045  
Filed : 1/14/2002  
Title : Circuit and Method for Pipelined Code Sequence Searching

Art Unit : 1631  
Examiner : Marschel, Ph.D., Ardin II.  
Conf. No. : 3502

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Dear Examiner:

In response to the Office Action of June 29, 2004, please consider the following remarks:

FAX No. 703 872 8306, ATTY DOCKET NO. 10017582-1 Date: Oct 29, 2004  
 The Patent and Trademark Office data stamp sets forth the receipt date (or both the receipt date and the Serial Number) of a patent application identified as follows:  
 Applicant: Shackelford, J. Barry  
 Title: Circuit and Method for Prolined Code Sequences Searching  
☒ Transmittal Letter 2, Pgs. \_\_\_\_\_  
☐ Appln. \_\_\_\_\_ Pgs. Spec. \_\_\_\_\_ Pgs. Claims \_\_\_\_\_ Total Claims \_\_\_\_\_ Pgs. Abstract \_\_\_\_\_  
☐ Rule 53(b) (CPT) or ☐ Rule 53(c) (CPA) Request \_\_\_\_\_ Pages \_\_\_\_\_  
☐ Assignment \_\_\_\_\_ Pages \_\_\_\_\_ Recordation Form Cover Sheet \_\_\_\_\_ Pages \_\_\_\_\_  
☒ Dep Account \$ 110.00 \_\_\_\_\_ ☐ Small Entity Statement \_\_\_\_\_  
☐ Drawings: 0 \_\_\_\_\_ Sheets Formal \_\_\_\_\_ ☐ Sheets Informal \_\_\_\_\_  
☐ Combined Declaration/Power of Atty \_\_\_\_\_ Pages \_\_\_\_\_ Signed \_\_\_\_\_ Unsigned \_\_\_\_\_  
☒ Amendment \_\_\_\_\_ 12 \_\_\_\_\_ Pages \_\_\_\_\_  
☐ PTO Form 1449 \_\_\_\_\_ Pages ☐ Prior Art Ref - No. References \_\_\_\_\_  
☐ Priority Document \_\_\_\_\_ Pages \_\_\_\_\_  
☒ Other, Ext. of time Petition 2 Pgs. \_\_\_\_\_  
 Atty/Sec. Initials lwy Client/Matter Name Hewlett-Packard Company Palo Alto

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10017560-1

**IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): J. Barry Shackleford

Confirmation No.: 3532

Application No.: 10/047,045

Examiner: Marschel, Ardin H

Filing Date: 1/14/2002

Group Art Unit: 1631

Title: CIRCUIT AND METHOD FOR PIPELINED CODE SEQUENCE SEARCHING

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment (X) Petition to extend time to respond  
(X) New fees as calculated below ( ) Supplemental Declaration  
( ) No additional fee  
( ) Other: (fee \$ )

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	23	MINUS	23	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$88	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$300	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$430.00	3RD MONTH \$880.00	4TH MONTH \$1630.00		\$ 110
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 110

Charge \$ 110 to Deposit Account 502217. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 502217 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 502217 under 37 CFR 1.16; 1.17; 1.19; 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

J. Barry Shackleford

By

Leland Wiesner

Attorney/Agent for Applicant(s)  
Reg. No. 39424

Date: 10/29/2004

Telephone No.: (866) 853-1113

(X) I hereby certify that this paper is being transmitted  
to the Patent and Trademark Office Facsimile  
number (703) 872-0300 on 10/29/2004  
Number of pages 16

Typed Name: Leland Wiesner

Signature: Leland Wiesner

201304/TAK/USP

- Attach as First Page to Transmitted Paper -